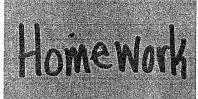
Percent of a Quantity

You can use ratios to write a percent of a quantity.



Find 0.9% of 30.

$$0.9\% = \frac{0.9}{100}$$

$$\frac{0.9}{100} \times \frac{10}{10} = \frac{9}{1,000}$$

$$\frac{9}{1,000}\times30$$

$$\frac{9}{1,000} \times 30 = \frac{27}{100} = 0.27$$

Find the percent of the quantity.

- 1. 8% of 90
- **2.** 20% of 80
- **3.** 95% of 340
- **4.** 33% of 28



6. 125% of 70

7. 0.25% of 120

8. 0.4% of 50

- **9.** 45% of 70
- 10. 155% of 30
- **11.** 75% of 124
- **12.** 0.8% of 1,000

- **13.** James correctly answered 85% of the 60 problems on his math test. How many questions did James answer correctly?
- **14.** A basketball player missed 25% of her 52 free throws. How many free throws did the basketball player make?